DESCRIPTION

COMPOSITION FOR LIPSTICK

5 TECHNICAL FIELD

The present invention relates to a lipstick composition. More particularly, the present invention relates to a lipstick composition with superior spreadability, gloss, and long-lastingness. In addition, the present invention relates to a lipstick composition with a superior shape-retaining ability.

BACKGROUND ART

A lipstick is applied to the lips to put a color 15 and gloss to the lips to draw charm; it is recognized one of the makeup cosmetics with the highest cosmetic effect. "Color development" is one of the functions desired from a lipstick. Generally, wax, various liquid oils, powder which contains a colorant, 20 and perfume are blended into a lipstick composition used for a lipstick; the combination helps maintain spreadability, gloss, color development, the long-lastingness, etc. which constitute the basic usability of a lipstick in relation the 25

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aforementioned functions related to the quality.

The object of the present invention is to provide a lipstick composition which drastically improves the color development related to the basic usability of a lipstick and also is superior in terms of spreadability, gloss, and long-lastingness.

Also, the object of the present invention is to provide a lipstick composition with a superior shape-retaining ability, essentially without using ceresin which conventionally is used as a shape-retaining agent.

DISCLOSURE OF INVENTION

The inventors conducted earnest research to solve the aforementioned problem and discovered that a lipstick composition which drastically improves the color development and also is superior in terms of spreadability, gloss, and long-lastingness can be obtained by using polyethylene with a specific molecular weight for the wax ingredient and combining this with a specific liquid oil ingredient in a specific quantity ratio, thus completing the present invention.

In other words the present invention—relates
to a lipstick composition comprising (a) 3-25 mass %

of one, two or more types of polyethylene wax (average molecular weight 300-700) and (b) 0.1-50 mass % of one, two or more types of liquid oil having one -OH group in the structure.

In the present invention, a lipstick composition refers to a broad range of compositions used for a lipstick which is a makeup cosmetic; it can take any form such as a stick, pencil, ointment, or liquid. The present invention can be applied to a lip cream which does not particularly contain a colorant for the sake of an improvement in usability in terms of spreadability and gloss.

BEST MODE FOR CARRYING OUT THE INVENTION

The present invention is described in detail below.

In the present invention, ingredient (a) is polyethylene wax with an average molecular weight of 300-700, preferably 500-700. Polyethylene wax is conventionally known as a solidifier, shape-retaining agent, etc. for oil-based cosmetics. In the present invention, if the average molecular weight of the polyethylene wax is less than 300 then the solidifying ability is reduced, which is not preferable; on the other hand, if it is more than 700

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then the melting point becomes high and dissolution in the liquid oil ingredient becomes harder, which is not preferable either.

For ingredient (a), one, two or more types can be used. The blend ratio of ingredient (a) is 3-25 mass %, preferably 5-20 mass %, of the total amount of the composition. If the blend ratio is less than 3 mass % then the dispersibility of the pigment does not improve enough; on the other hand, if it is more than 25 mass % then spreadability at the time of application becomes poor, which is not preferable.

For ingredient (b) of the present invention, a liquid oil ingredient having one -OH group in its structure is used. Here, "a liquid oil ingredient" refers to an oil ingredient which is in a liquid form at ordinary temperatures. Specific examples of ingredient (b) include ester oils such as glyceryl triisostearate, diglyceryl diisostearate, glyceryl malate; of these, diisostearyl diisostearate, diglyceryl triisostearate, isostearyl oxystearate are preferable. ingredient (b), one, two or more types can be used.

The blend ratio of ingredient (b) is 0.1-50 mass %, preferably 0.1-45 mass %, of the total amount of the composition. If the blend ratio is less than

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0.1 mass % then the color development does not improve sufficiently; on the other hand, if it is more than 50 mass %, then spreadability at the time of application becomes poor, which is not preferable.

By combining ingredient (a) and ingredient (b) as described above, a lipstick composition with markedly improved color development of lips as well as superior spreadability, gloss, and long-lastingness can be obtained.

In addition to the aforementioned essential ingredients, any other ingredients which are commonly blended in a lipstick composition can be blended in; examples include shape-retaining agent, oil ingredients, and powder.

For the shape-retaining agent, wax such as carnauba wax, paraffin wax, and microcrystalline wax can be used in addition to polyethylene wax as the aforementioned ingredient (a); any one, two, or more can be selected from these. The total blend ratio in the composition of the present invention is preferably 3-25 mass %.

It is particularly preferable in terms of shape-retaining ability to blend the polyethylene wax of (a) and microcrystalline wax (c) in the ratio of 6:4-9:1. The blend ratio of the microcrystalline wax

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is normally 0.1-10 mass % in the composition.

For the oil ingredient, in addition to liquid oil that is the aforementioned ingredient (b), the blended bе example, can for following, hydrocarbon oils such as squalane, liquid petrolatum, and petrolatum; higher fatty acids such as myristic acid, palmitic acid, stearic acid, 12- hydroxystearic acid, and behenic acid; higher alcohols such as cetyl alcohol, stearyl alcohol, oleyl alcohol, and esters such as cety1 -2- ethy1batyl alcohol; hexanoate, 2- ethylhexyl palmitate, 2- octyl dodecyl myristate, neopentyl glycol -2- ethyl hexanoate, trioctanoate, pentaerythritol glyceride trioctanoate, isopropyl myristate, myristyl myristate, and glyceride trioleate; fats and oils such as olive oil, avocado oil, jojoba oil, sunflower oil, safflower oil, tsubaki oil, butter, shea macademia nut oil, mink oil, lanolin, liquid lanolin, acetic acid lanolin, and castor oil; silicone oils dimethylpolysiloxane, methylphenyl poly as 20 siloxane, gum-like dimethylpolysiloxane with a high degree of polymerization, polyether degeneration amino-modified silicone, and gum-like silicone, amino-modified silicone with a high degree polymerization; and fluorine oils such as perfluoro 25

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polyether and perfluoro carbon. In the present invention, the blend ratio of the oil is 50 mass % or preferably 70 mass % or more, of the total amount of the composition.

Examples of the powder include inorganic powders such as talc, kaolin, sericite, muscovite, phlogopite, synthetic mica, aluminum silicate, silica, barium sulfate, and calcium phosphate and organic powders such as nylon powder and cellulose powder, as well as various pigments. The blend ratio 10 of powder is preferably 1-30 mass %, more preferably $0.1-15\,$ mass % of the total amount of the composition.

addition, antioxidants, ultraviolet Ιn ultraviolet masking agents, absorbents, preservatives, humectants, dyes, etc. can be blended in.

EXAMPLES

The present invention is described in detail below based on Examples; however, the present 20 invention is not limited to these Examples. blend ratio is shown as a mass % value of the total amount of the composition unless specified otherwise.

Examples, the lipstick composition was evaluated with the following criteria for color 25

development, spreadability, gloss, and long-lastingness.

[Color development]

Each member of a panel of 15 specialists conducted the following five step evaluation, based on which the color development was evaluated.

(Rating)

1: Color development is poor.

10 2: Color development is somewhat poor.

3: Color development is normal.

4: Color development is somewhat good.

5: Color development is good.

(Evaluation of the color development)

15 🔘 : The average rating is 4.5 or more and 5.0 or less.

🔾 : The average rating is 3.5 or more and less than

4.5.

 \triangle : The average rating is 2.5 or more and less than

3.5.

20 imes : The average rating is 1.5 or more and less than

2.5.

imes imes : The average rating is 1.0 or more and less than

1.5.

25 [Spreadability]

Each member of a panel of 15 specialists conducted the following five step evaluation, based on which the spreadability was evaluated.

(Rating)

- 5 1: Spreadability is poor.
 - 2: Spreadability is somewhat poor.
 - 3: Spreadability is normal.
 - 4: Spreadability is somewhat good.
 - 5: Spreadability is good.
- 10 (Evaluation of the spreadability)
 - ① : The average rating is 4.5 or more and 5.0 or less.
 - \bigcirc : The average rating is 3.5 or more and less than
 - 4.5.
 - \triangle : The average rating is 2.5 or more and less than
- 15 3.5.
 - imes : The average rating is 1.5 or more and less than
 - 2.5.
 - imes imes : The average rating is 1.0 or more and less than
 - 1.5.

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[Gloss]

Each member of a panel of 15 specialistss conducted the following five step evaluation, based on which the gloss was evaluated.

25 (Rating)

- 1: Gloss is poor.
- 2: Gloss is somewhat poor.
- 3: Gloss is normal.
- 4: Gloss is somewhat good.
- 5 5: Gloss is good.

(Evaluation of the gloss)

- ◎ : The average rating is 4.5 or more and 5.0 or less.
- \bigcirc : The average rating is 3.5 or more and less than
- 4.5.
- 10 riangle : The average rating is 2.5 or more and less than
 - 3.5.
 - imes : The average rating is 1.5 or more and less than
 - 2.5.
 - imes imes : The average rating is 1.0 or more and less than
- 15 1.5.

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[Long-lastingness]

Each member of a panel of 15 specialistss conducted the following five step evaluation, based on which the long-lastingness was evaluated.

(Rating)

- 1: Long-lastingness is poor.
- 2: Long-lastingness is somewhat poor.
- 3: Long-lastingness is normal.
- 25 4: Long-lastingness is somewhat good.

5: Long-lastingness is good.

(Evaluation of the long-lastingness)

 \odot : The average rating is 4.5 or more and 5.0 or less.

○ : The average rating is 3.5 or more and less than

5 4.5.

 \triangle : The average rating is 2.5 or more and less than

3.5.

imes : The average rating is 1.5 or more and less than

2.5.

10 imes imes: The average rating is 1.0 or more and less than

1.5.

[The shape-retaining ability]

The shape-retaining ability was evaluated based on the defect ratio (shrinkage pin-holes and surface peeling) after filling and molding.

(Evaluation of the shape-retaining ability)

◎ : Defect ratio 0% or more and less than 1%

 \bigcirc : Defect ratio 1% or more and less than 5%

20 \triangle : Defect ratio 5% or more and less than 10%

imes : Defect ratio 10% or more

(Examples 1-6, Comparative examples 1-7: stick-shaped lipstick compositions)

25 Lipstick compositions with composition blend

ratios as shown in the following Table 1 were prepared, and color development, spreadability, gloss, and long-lastingness were evaluated for Examples and Comparative examples according to the aforementioned evaluation criteria. The results are shown in Table 1.

Table 1

	Comparative example		Example			Comparative example			Example			Comparative	
	1	2	1	2	3	3	4	5	4	5	6	6	7
Ceresin	15						15						
Polyethylene wax		15						15					
(average molecular			1										
weight 250)													
Polyethylene wax			15						15				
(average molecular			,				i						
weight 300)													
Polyethylene wax				15						15			15
(average molecular													1
weight 500)											ļ		
Polyethylene wax					15						15		
(average molecular													
weight 700)	-												
Polyethylene wax						15		ļ			ĺ	15	
(average molecular					l								
weight 800)							ļ						
Glyceryl	20	20	20	20	20	20							ĺ
diisostearate											L		<u> </u>
Diglyceryl						ļ	20	20	2 0	20	20	20	
triisostearate					l						<u> </u>		L
Lanolin	10	10	10	10	10	10	10	10	10	10	10	10	10
Glyceryl	49	4 9	4 9	4 9	4 9	4 9	4 9	49	4 9	4 9	4 9	4 9	6 9
tri-2-ethylhexanoate		<u> </u>						L	<u> </u>		ļ	-	
Iron oxide red	4	4	4_	4	4	4	4	4	4	4	4	4	4
Red 202	2	2	2	2	2	2	2	2	2	2	2	2	2_
Coloring	Δ	0	0	0	0	Δ	Δ	0	0	0	0	Δ_	Δ
Spreadability	0	Δ	0	0	0	×	0	Δ	0	0	0	×	0
		* 1				L .		* 1					
Gloss	Δ	0	0	0	0	Δ	Δ	0	0	0	0	$\perp \triangle$	Δ
Long-lastingness	0	×	0	0	0	0	0	×	0	0	0	0	0
Shape-	0	Δ	0	0	0	Δ	0	Δ	0	0	0	×	0
retaining ability								<u></u>					
					_								

In Table 1, evaluation of "spreadability" in Comparative example 2 and Comparative example 5 (△ 5 *1) indicate that excessive softness resulted in poor spreadability.

(Examples 7-13 and Comparative examples 8-14: stick-shaped lipstick compositions)

Lipstick compositions with composition blend

ratios as shown in the following Table 2 were prepared,
and color development, spreadability, gloss, and
long-lastingness were evaluated for Examples and
Comparative examples according to the aforementioned
evaluation criteria. The results are shown in Table

10 2.

Table 2

				e			e e							
	e -			>			<u>></u>							
	ati e	Φ		a t	υ		ه ع					e		
	p - q	<u>-</u>		a L	<u> </u>		a L					<u>_</u>		
	пра	a E		a p	a ≡		E e					×am		
	Com	Ε×		Col	ж		CO				ļ	×		
	8	7 7	8	$\frac{}{9}$	9	10	10	11	12	13	14	11		1 3
Polyethylene wax	1		25	30	15	15	15	15	15	15	15	9	1 2	1 4
average											' 			
nolecular weight	1													
500)														-
Ceresin	14											6	4	2
Microcrystalline							ļ		İ	ļ		0	4	-
wax	ļ	L	-	00	0 1	5 0	60			-		30	30	3 (
Glyceryl	3 0	3 0	3 0	30	0.1	5 บ	100				ļ			
diisostearate	 			ļ ———				30	-		 	+-	†	T
Olive oil		ļ	<u> </u>		 		-	00	30	 	 	†		+
Liquid	1					İ						1		1
petrolatum	 	├ ─		-			+		 	30				\top
<u>Lanolin</u>	1.0	4 9	3 9	3 4	78.9	29	19	49	49	49	7 9	49	49	4 9
Glyceryl tri-2-	4 9	4 9	39	34	70.3	2 3	' "	'		'				
ethylhexanoate	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Red iron oxide	2	2	2	2	2	2	1 2	2	2	2	2	2	2	2
Red 202				0	0	0	0	Δ	×	Δ	Δ	0	0	0
Coloring	Δ	0	0	+-~-	0	0		0	0		0	0	0	0
Spreadability	0	0	0	×		0	0	0	10	0	$\frac{1}{\Delta}$	<u> </u>	0	0
Gloss	0	0	4	×	0	0	0	10	10	10		0	0	(C
Long-	0	0	0	0	0	10					-			
lastingness		1_	+		+ ~ -	0	0	0	0	0	0	0	0	(
Shape-	0	0	0	×	0	10								
retaining														
ability			<u> L</u>											

(Preparation method)

For Examples and Comparative examples shown in Table 1 and Table 2, the ingredients were dissolved at 90-100°C and dispersed with a disper. Following deaeration, the mixture was poured into a lipstick container and cooled to obtain a stick-shaped lipstick composition.

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(Evaluation)

As clearly indicated in Table 1 and Table 2, compositions which contained only ingredient (b) and did not contain ingredient (a) did not show improved usability. Compositions which only contained ingredient (a) did not show improved usability either. The effect of the present invention was obtained when polyethylene wax with a molecular weight of 300-700 was used.

When both ingredient (a) and ingredient (b) were combined, a synergistic improvement in the color sacrificing without observed was development spreadability, gloss, and long-lastingness when the blend ratio of ingredient (a) was 3-25 mass % and the blend ratio of ingredient (b) was 0.1-50 mass %. ingredient (a) exceeded 25 mass % spreadability became heavy, and gloss and long-lastingness tended to become inferior, too. When olive oil, liquid glyceryl lanolin, o r petrolatum, tri-2-ethylhexanoate was used instead of ingredient (b) for the liquid oil, the effect of the present invention was not observed.

Compositions of Examples had an adequate shape-retaining ability even if they did not use

ceresin.

	(Example 1 4) Stick-shaped lipst	ick	
	(Ingredients)		(wt%)
5	Microcrystalline wax		3
	Polyethylene wax (average molecu	lar weight	500)
			15.0
	Glyceryl trioctanoate		22
	Heavy liquid petrolatum		10
10	Cholesteryl macadamia nut oil fa	itty acid	10
	Glyceryl tri (hydrogenated rosin	n/isostear	ate)
			1 0
	Glyceryl diisostearate		1 0
	Isostearyl oxystearate		10
15	Pigment		1 0
	Antioxidant	Appropriat	e amount
	Ultraviolet absorbent	Appropriat	te amount
	Perfume	Appropriat	te amount
	(Preparation method)		
20	Lipsticks were prepared v	with a co	nventiona

- Lipsticks were prepared with a conventional method. They are superior in color development, spreadability, gloss, and long-lastingness, and have enough shape-retaining ability.
- 25 (Example 15: Paste-like lipstick composition)

	(Ingredients)	(mass %)
	(1) Petrolatum	8
	(2) Polyethylene wax (average molecula	ar weight 500)
		2
5	(3) Squalane	1 0
	(4) Castor oil	3
	(5) Diglyceryl triisostearate	5
	(6) Glyceryl triisostearate	2
	(7) Silicone resin (molecular weight	is about 5000.
10	$(CH_3)_{3}SiO_{1/2}:SiO_2 unit = 0.8:1$, with	
	of (CH ₃) _{1.33} SiO _{1.34})	2 5
	(8) Decamethyl cyclopenta siloxane	39.5
	(9) Silica	2.5
	(10) Pigment	3
1 5	(11) Perfume Appro	priate amount
	(Preparation method)	
	Ingredients (1)-(11) were dissol	ved at 90-100°C

Ingredients (1)-(11) were dissolved at $90\text{--}100\,^{\circ}\mathrm{C}$ and dispersed with a disperser.

Following deaeration, the mixture was poured into 20 a lipstick container and cooled to obtain a paste-like lipstick composition.

(Example 16: Stick-shaped lipstick composition)
(Ingredients) (mass %)

25 (1) Polyethylene wax (average molecular weight 500)

		8
	(2) Candelilla wax	3
	(3) Squalane	8
	(4) Diglyceryl triisostearate	1 0
5	(5) Macademia nut oil fatty acid ester	2.5
	(6) Glyceryl tri-2-ethylhexanoate	4.5
	(7) Silicone resin (molecular weight is	about 6000.
	$(CH_3)_{3}SiO_{1/2}:SiO_2 unit = 0.8:1, with a$	
	of (CH ₃) _{1.33} SiO _{1.34})	20
10	(8) Decamethyl cyclopenta siloxane	3 4
	(9) Fine particle barium sulfate	5
	(10) Pigment	5
		iate amount
	(Preparation method)	
15	Ingredients (1)-(11) were dissolve	d at 90-100℃
	and dispersed with a disper. Following	
	the mixture was poured into a lipstick o	
	cooled to obtain a stick-shaped lipstick	
20	(Example 17: Emulsified stick-shap	ped lipstick
	composition)	
	(Ingredients)	(mass %)
	(1) Paraffin wax	5
	(2) Microcrystalline wax	4
25	(3) Polyethylene wax (average molecula	r weight 500)

		5
	(4) Diglyceryl triisostearate	3
	(5) Glyceryl diisostearate	4
	(6) Macademia nut oil	3
5	(7) Polybutene	3
	(8) Diisostearyl malate	4
	(9) Silicone resin (molecular weight is ab	out 8000.
	(CH $_3$) $_3$ SiO $_{1/2}$: SiO $_2$ unit = 0.8:1, with a mea	an formula
	of (CH ₃) _{1,33} SiO _{1,34})	3 0
10	(10) Decamethylcyclopentasiloxane	10.5
	(11) Octamethylcyclotetrasiloxane	7
	(12) Dimethylpolysiloxane (viscosity 6cs)	5
	(13) Silica	3
	(14) Synthesized sodium magnesium silicat	e 1
15	(15) Polyoxyethylene/methyl poly siloxane	copolymer
		2
	(16) Ion-exchange water	5
	(17) Glycerin	1
	(18) Pigment	4.5
20	(19) Perfume Appropriat	te amount
	(Preparation method)	
	Ingredients (1)-(15), (18) and	
	dissolved at 90-100°C $$ and dispersed with a	
	(16) and (17) were added to this and	
25	further; and, after deaeration, the m	ixture was

poured into a lipstick container and cooled to obtain an emulsified stick-shaped lipstick composition.

(Example 18: Stick-shaped lipstick composition)

		(mass	%)
5	(Ingredients)	\ III & 3 3	/0 /

(1) Polyethylene wax (average molecular weight 500)

8

- (2) Candelilla wax
- (3) Squalane 8
- 10 (4) Diglyceryl triisostearate 3
 - (5) Macademia nut oil fatty acid ester 2.5
 - (6) Glyceryl tri-2-ethylhexanoate 1.5
 - (7) Silicone resin (molecular weight is about 6000.

(CH $_3$) $_3$ SiO $_{1/2}$: SiO $_2$ unit = 0.8:1, with a mean formula

- 15 of $(CH_3)_{1.33}SiO_{1.34}$)
 - (8) Decamethyl cyclopenta siloxane 43.95
 - (9) Fine particle barium sulfate 5
 - (10) Pigment 5
 - (11) Camphor 0.05
- 20 (12) Perfume Appropriate amount (Preparation method)

Ingredients (1)-(12) were dissolved at $90-100\,^{\circ}$ C and dispersed with a disperser. Following deaeration, the mixture was poured into a lipstick container and cooled to obtain a stick-shaped

lipstick composition.

	(Example	19:	Emul	sified	stick-sha	aped	lipstic	k
	compositio	on)						
5	(Ingredien	nts)				((mass %)	
	(1) Polyet	thylene	wax	(averag	ge molecul	ar wei	ght 500))
						1	. 0	
	(2) Micro	crystal	line	wax			4	
	(3) Glyce	ryl dii	soste	earate			7	
10	(4) Digly	ceryl t	riiso	steara	t e		3	
	(5) Macad	emia nu	ıt oil	L			3	
	(6) Polyb	utene					3	
	(7) Diiso	stearyl	l mala	ate			1	
	(8) Silic	one res	sin (r	nolecul	ar weight	is ab	out 800	0.
1 5	(CH ₃) ₃ S:	iO _{1/2} : S	SiO ₂ u	nit = 0.	8:1, with	a mea	n formu	l a
	of (CH ₃) _{1.}						3 0	
	(9) Decam			entasil	oxane		10.46	
	(10) Octa	nmethyl	сус1о	tetrasi	loxane		7	
	(11) Dime	ethylpo	lysil	oxane (viscosity	6cs)	5	
20	(12) Sili	ica					3	
	(13) Syn1	thesize	d sod	ium mag	gnesium si	licate	e 1	
	(14) Poly	yoxyeth	y 1 e n e	/methy	l poly sile	oxane	соро1ут	ıer
							2	
	(15) Ion	-exchan	ge wa	ter			5	
25	(16) Glv	cerin					1	

	(17)	Pigment	4.5
	(18)	Pantothenyl ethyl ether	0.01
	(19)	Pyridoxine hydrochloride	0.02
	(20)	Royal jelly extract	0.01
5	(21)	Perfume Appropri	ate amount
	(Pre	paration method)	
		Ingredients (1) - (14) and (17)	-(21) were
	diss	olved at $90100^{\circ}\!$	a disperser.
	(15)	and (16) were added to this an	d dispersed
10	furt	ther; and, after deaeration, the	mixture was
	pour	red into a lipstick container and cool	ed to obtain
	an €	emulsified stick-shaped lipstick com	position.
	(E x a	ample 20: Stick-shaped lipstick com	position)
15	(Ing	gredients)	(mass %)
	Α.	Lipstick base	·
	(1)	Carnauba wax	0.5
	(2)	Candelilla wax	5
	(3)	Polyethylene wax (average molecular	weight 500)
20			1 0
	(4)	Squalane	3 0
	(5)	Glyceryl triisostearate	1 0
	(6)	Glyceryl diisostearate	37.5
	В.	Water-containing composition	
25	(7)	Hydroxy-propylated eta -cyclodextrin	1

(8)	Cholesterol	ester	(isostearic	acid)	3.5
(9)	Glycerin				0.5
(10)	Purified wa	ter			2
С.	Other bases				
				_	

- 5 (11) Coloring material Appropriate amount
 (12) Perfume Appropriate amount
 (13) Preservatives Appropriate amount
 (Preparation method)
- (7), melted in (10) (0.5 mass %), was added to 10 (8) which was kept at 60° C, and stirring was conducted for 10 minutes with a disper. The rest of (10) (1.5 mass %) and (9) were added to this, followed by a 10-minute stirring, to obtain water-containing composition (B).
- Lipstick base (A) was melted at 80°C, to which water-containing composition (B) was added, and, after a 10-minute stirring with a disper, (11)-(13) were added; after dispersing and stirring, the mixture was molded to obtain a stick-shaped lipstick composition.
 - (Example 21: Stick-shaped lipstick composition)
 (Ingredients)
 (mass %)
 - (1) Polyethylene wax (average molecular weight 500)

	(2) Candelilla wax	8
	· ·	2
	(3) Glyceryl diisostearate	
	(4) Organic silicone resin (molecul	ar weight is about
	20,000. (CH $_3$) $_3$ SiO $_{1/2}$ unit: SiO $_2$ u	nit = 0.5:1, with
5	a mean formula of $(CH_3)_{1.8}SiO_{1.1}$)	10
	(5) Decamethyl cyclopenta siloxan	e 54.95
	(6) Perfluoroalkyl modified methyp	henyl polysiloxane
		3
	(7) Methylphenylpolysiloxane (15	CS/25°C) 2
10	(8) POE (25) POP (20) tetradecyl	ether 1
	(9) Ion-exchange water	5
	(10) Glycerin	2
	(11) Propylene glycol	1
	(12) Titanium dioxide	4.5
15	(13) Red 201	0.5
	(14) Red 202	2
	(15) Red 223	0.05
	(16) Ultraviolet absorbent Ag	opropriate amount
	(17) Antioxidant Ag	opropriate amount
20	(18) Perfume Ap	opropriate amount
	(Preparation method)	
	(13) - (15) were thoroughly s	stirred and mixed,
	and then added to (1) - (8) and (16) -	(18) which had been
	heated and dissolved, and the mixt	ture was thoroughly

mixed (oil phase). Separately, (9)-(11) were heated

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(Preparation method)

and dissolved (water phase). The water phase was added to the oil phase; after emulsification using a homogenizer, the mixture was poured into a mold and quickly cooled to obtain a stick-shaped lipstick composition.

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(Еха	ample 22: Stick-shaped emulsified lip	cream)
(Ing	gredients)	(mass %)
Α.	Emulsified base	
(1)	Synthesized hectorite	3
(2)	Polyoxyethylene methyl poly siloxane	copolymer
		0.5
(3)	Methylphenyl poly siloxane	10
(4)	Purified water	1.5
(5)	Glycerin	0.2
(6)	L- arginine hydrochloride	0.5
В.	Oil phase	
(7)	Microcrystalline wax	1
(8)	Polyethylene wax (average molecular w	eight 500)
		1 4
(9)	Glyceryl tri-2-ethylhexanoate	4 0
(10) Diisostearyl malate	19.3
(11) Glyceryl diisostearate	1 0

First, an emulsified base was prepared with

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(1)-(6). That is, (1) and (2) were dispersed in (3) at ordinary temperatures (oil phase). (4)-(6) were mixed and dissolved (water phase), which was then added to and dispersed in said oil phase to obtain the emulsified base. Said emulsified base was then added to the oil phase which had been prepared by heating and dissolving (7)-(11), followed by thorough stirring and mixing; and the mixture was poured into a metal mold and allowed to cool to obtain a stick-shaped emulsified lip cream.

INDUSTRIAL APPLICABILITY

The present invention provides a lipstick composition which is superior in terms of usability (spreadability, gloss, and long-lastingness) and drastically improves the color development.

Also, a lipstick composition with a superior shape-retaining ability is provided without using ceresin for the shape-retaining agent.

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